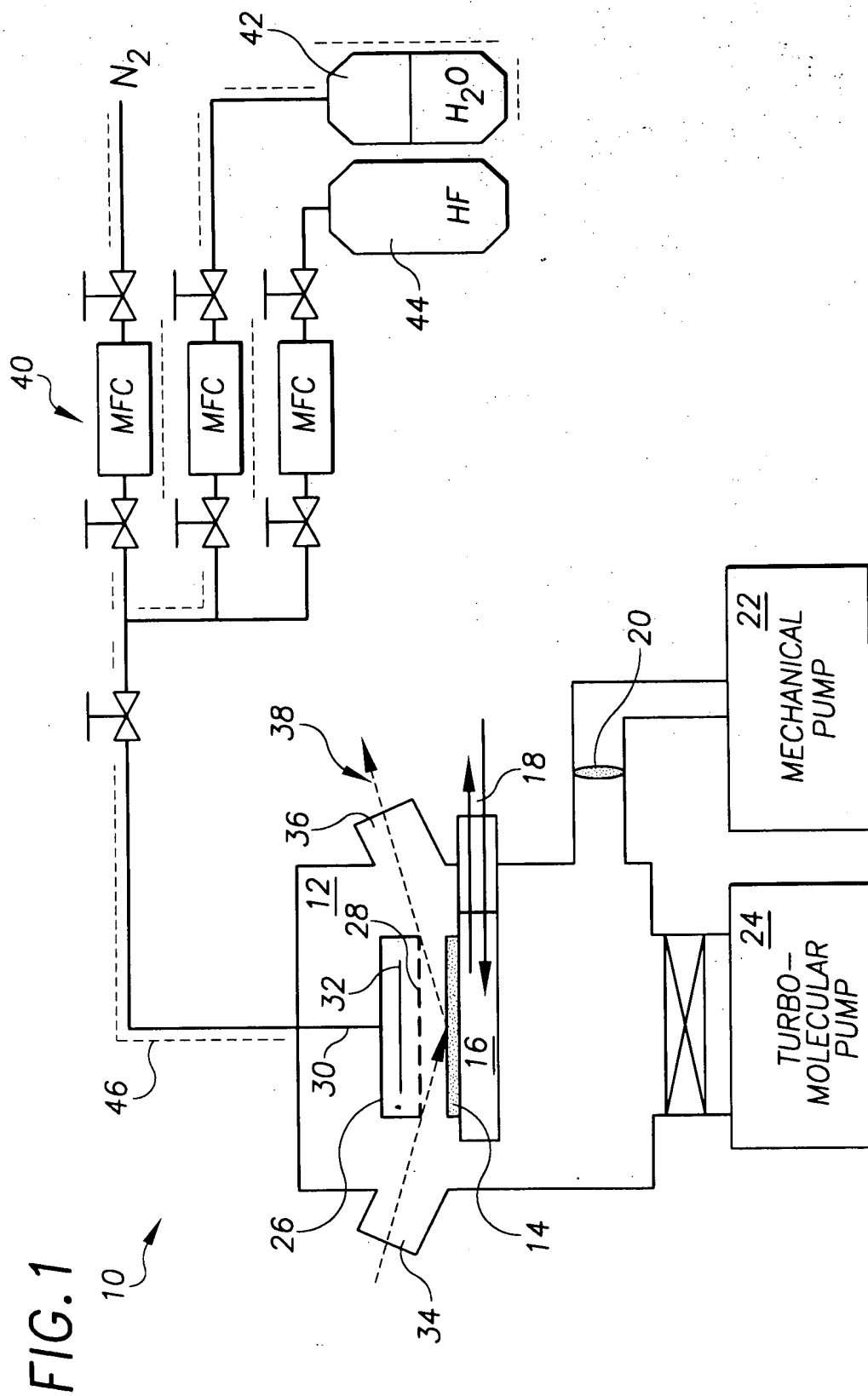
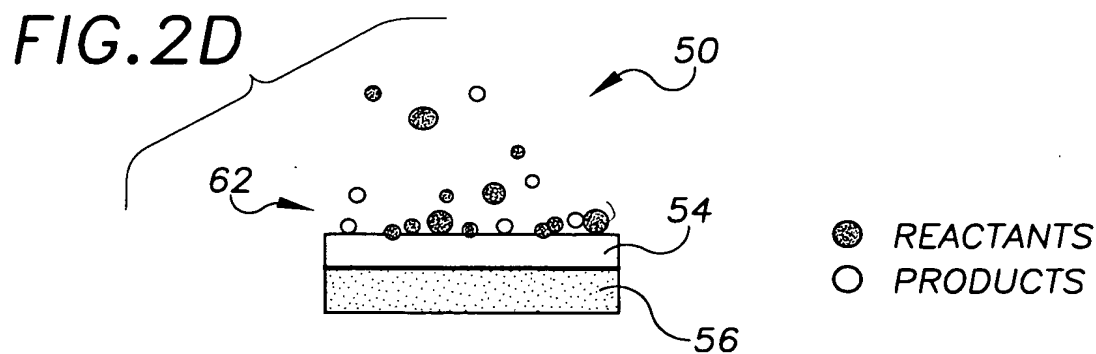
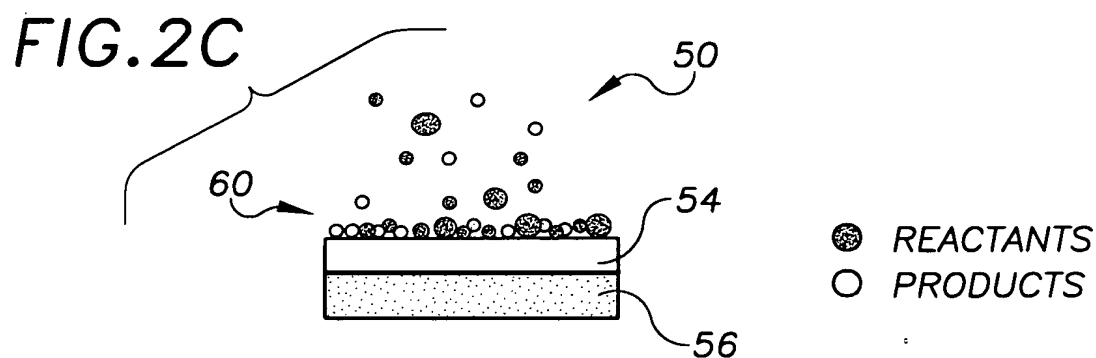
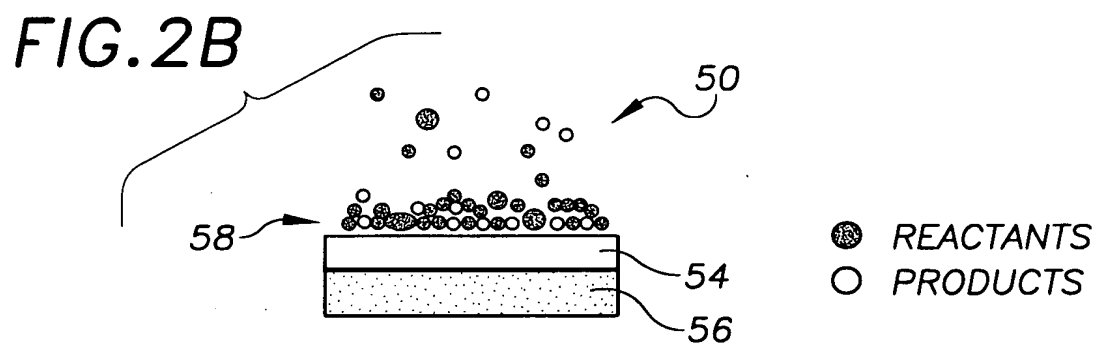
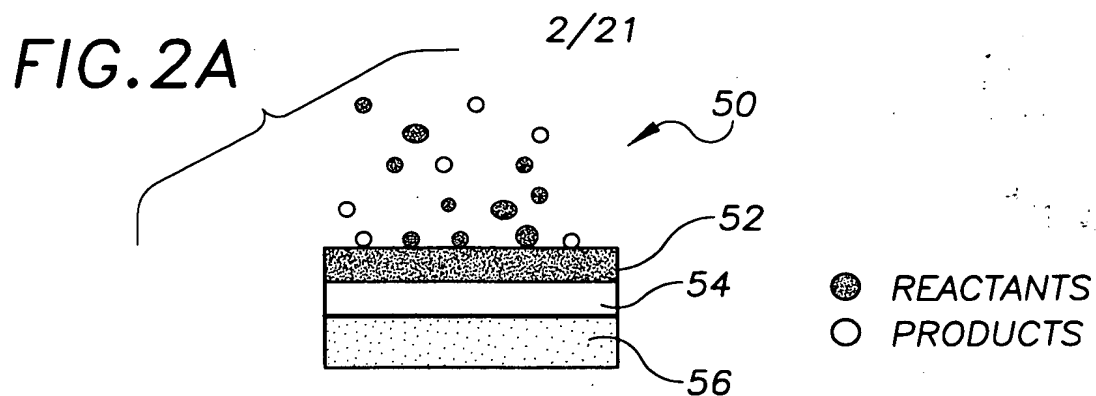


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FIG. 3A

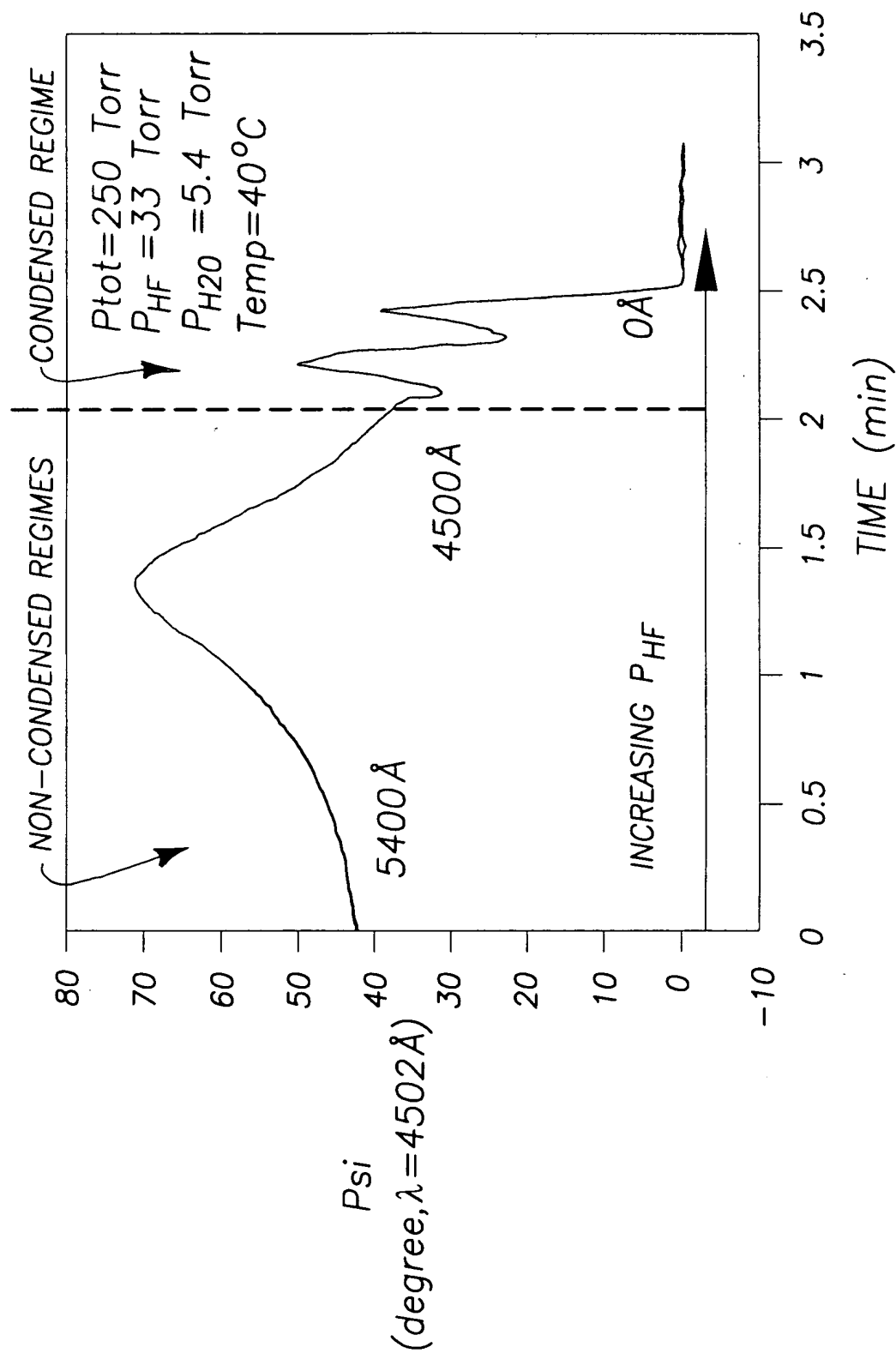


FIG. 3B

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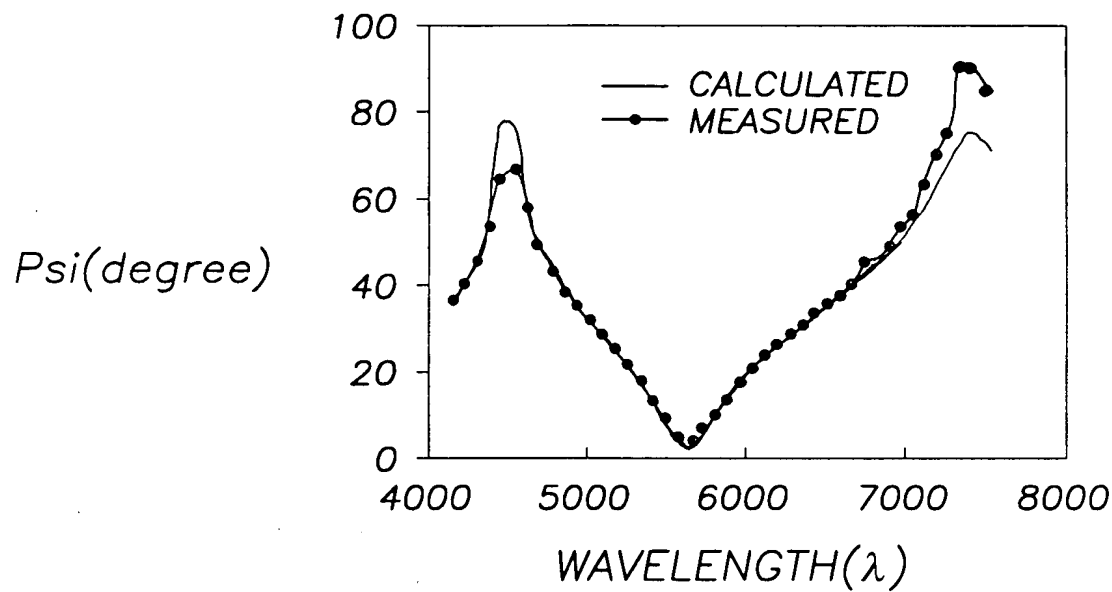
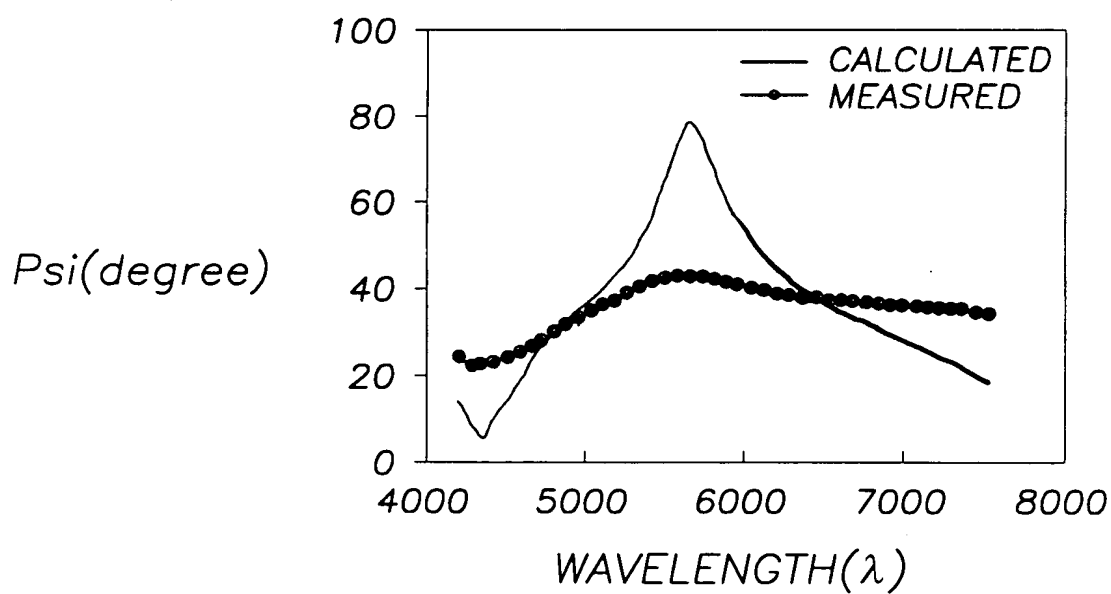


FIG. 3C



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FIG. 4A

$\Psi$   
(degree,  $\lambda = 4502\text{\AA}$ )

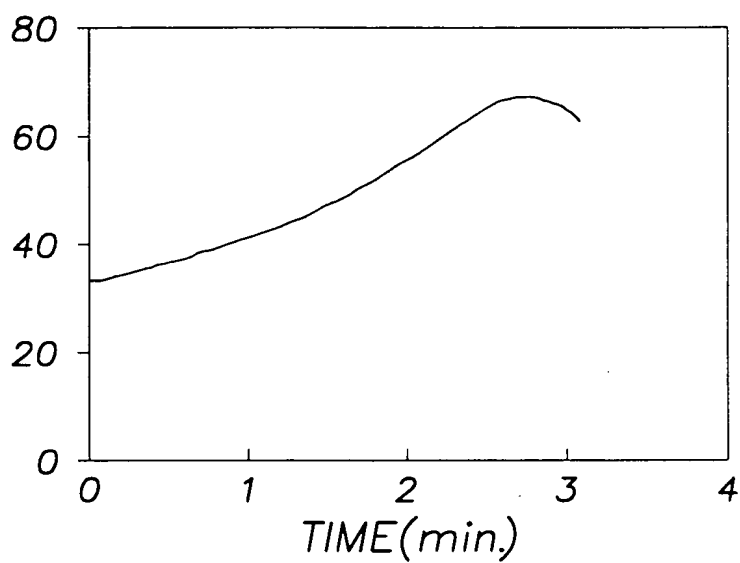
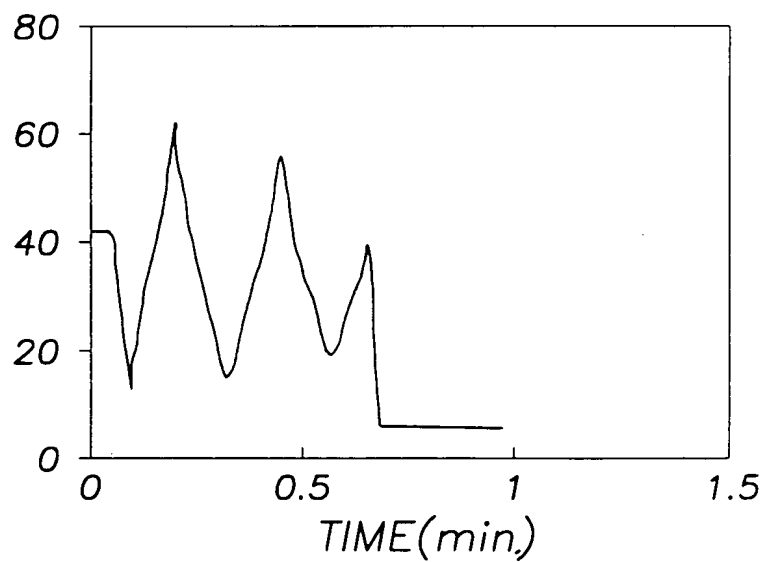


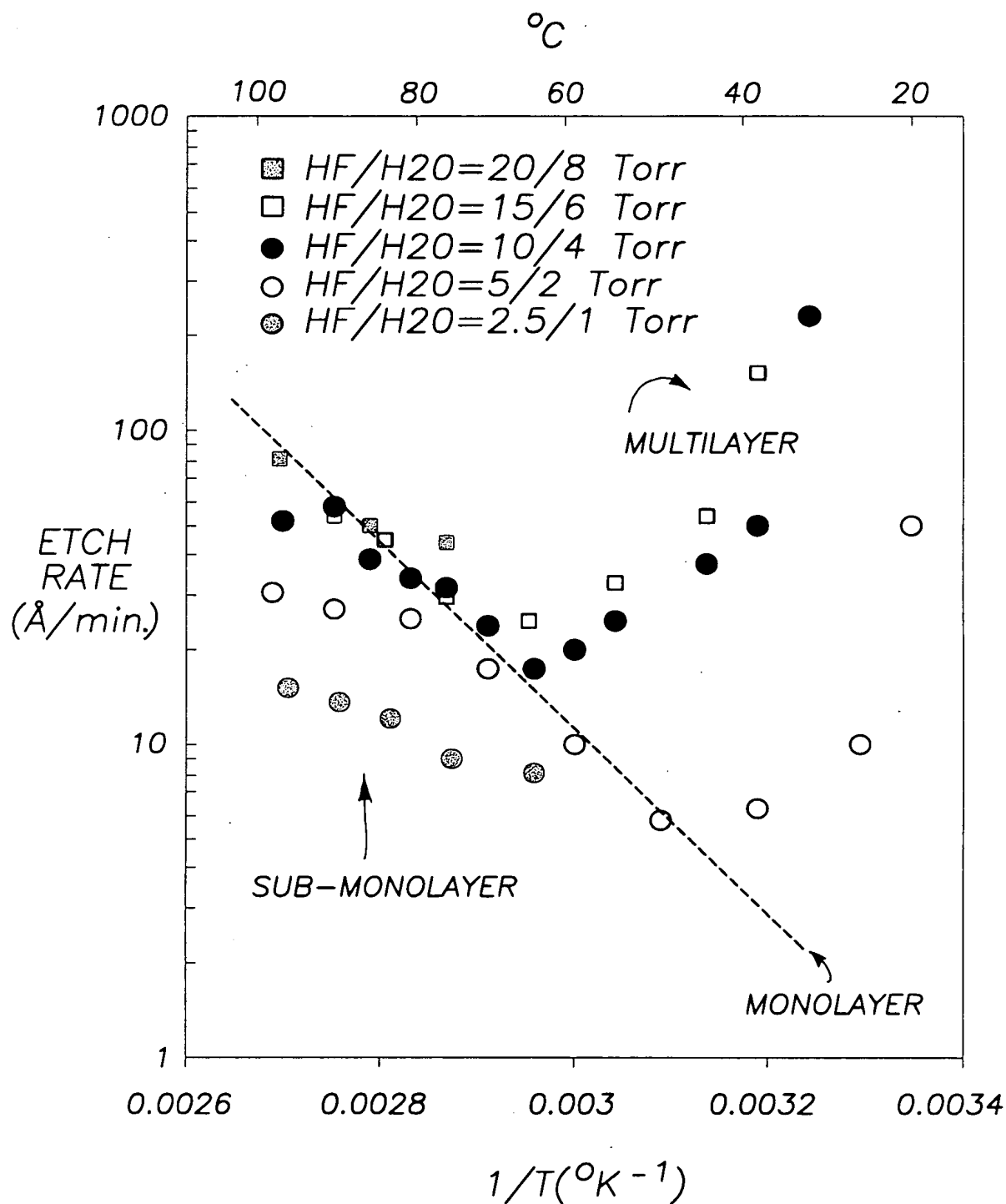
FIG. 4B

$\Psi$   
(degree,  $\lambda = 4502\text{\AA}$ )



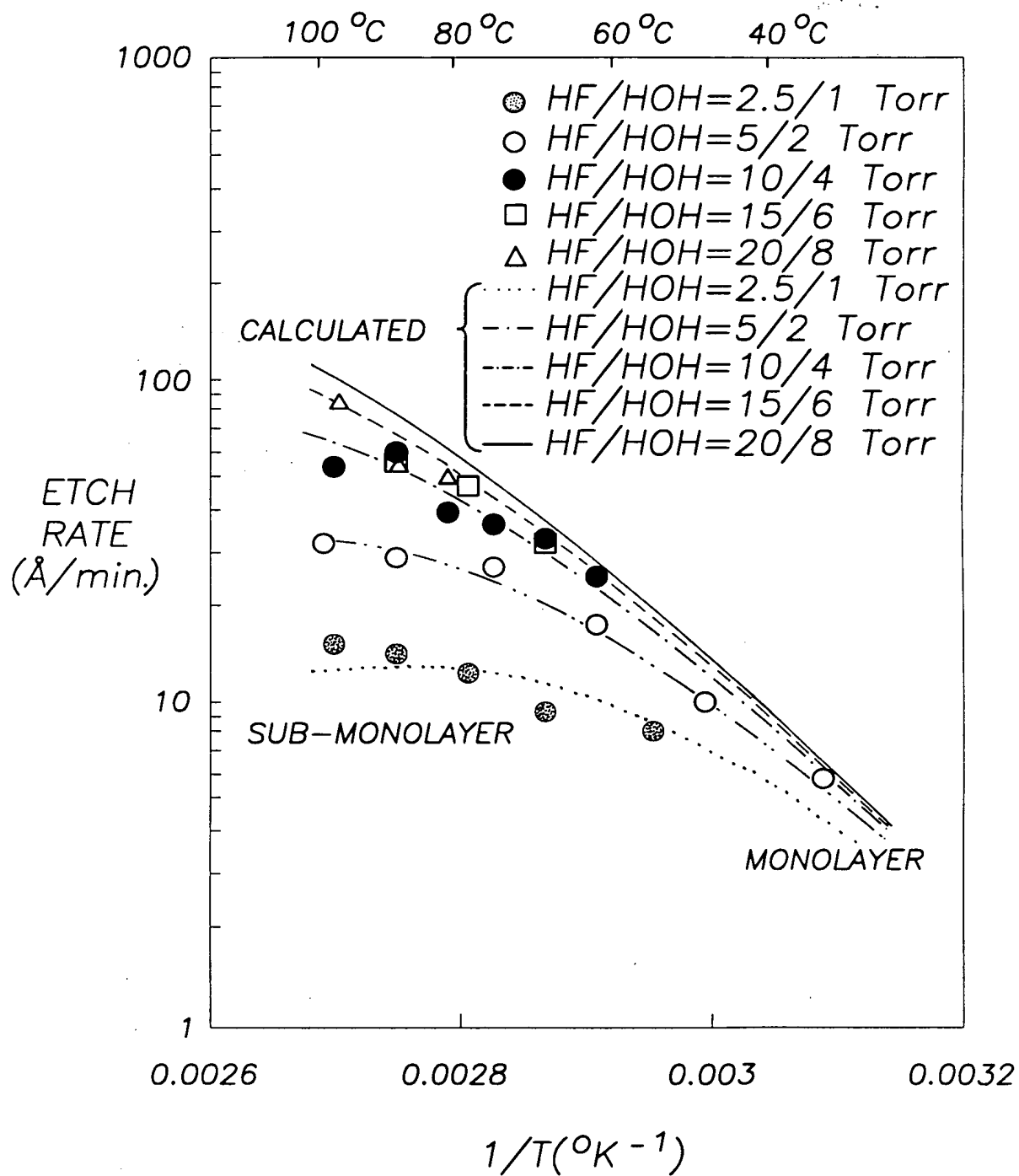
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FIG. 5



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FIG. 6



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FIG. 7A

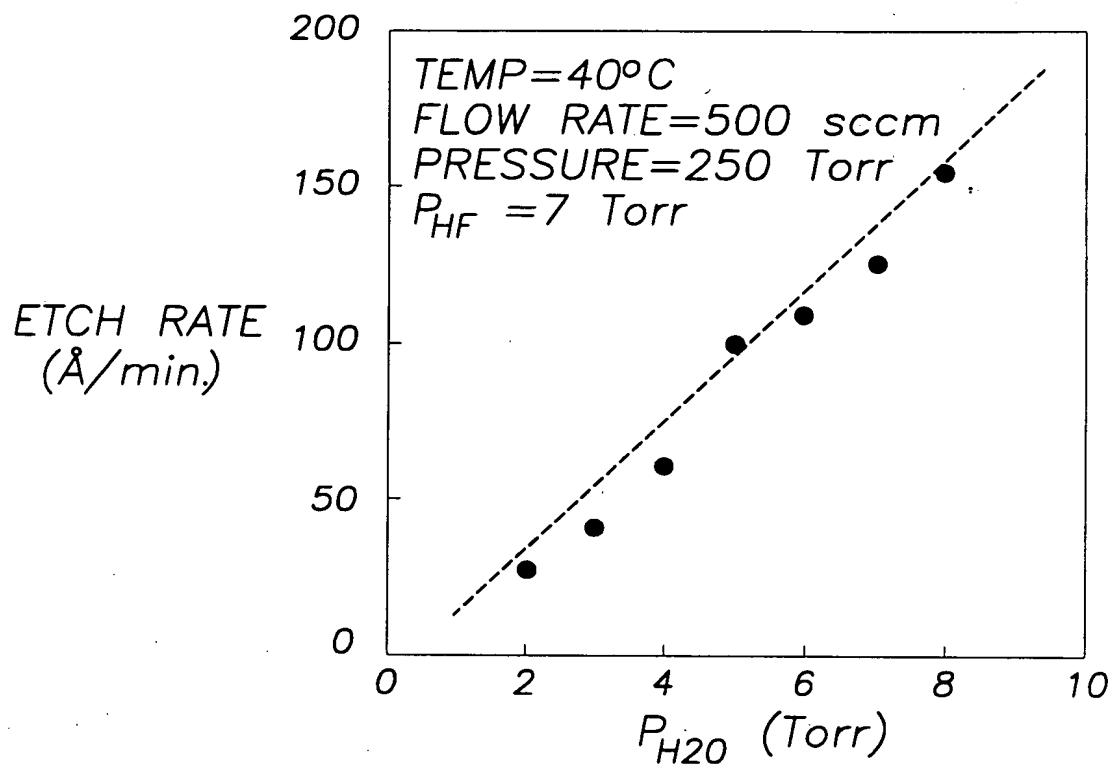
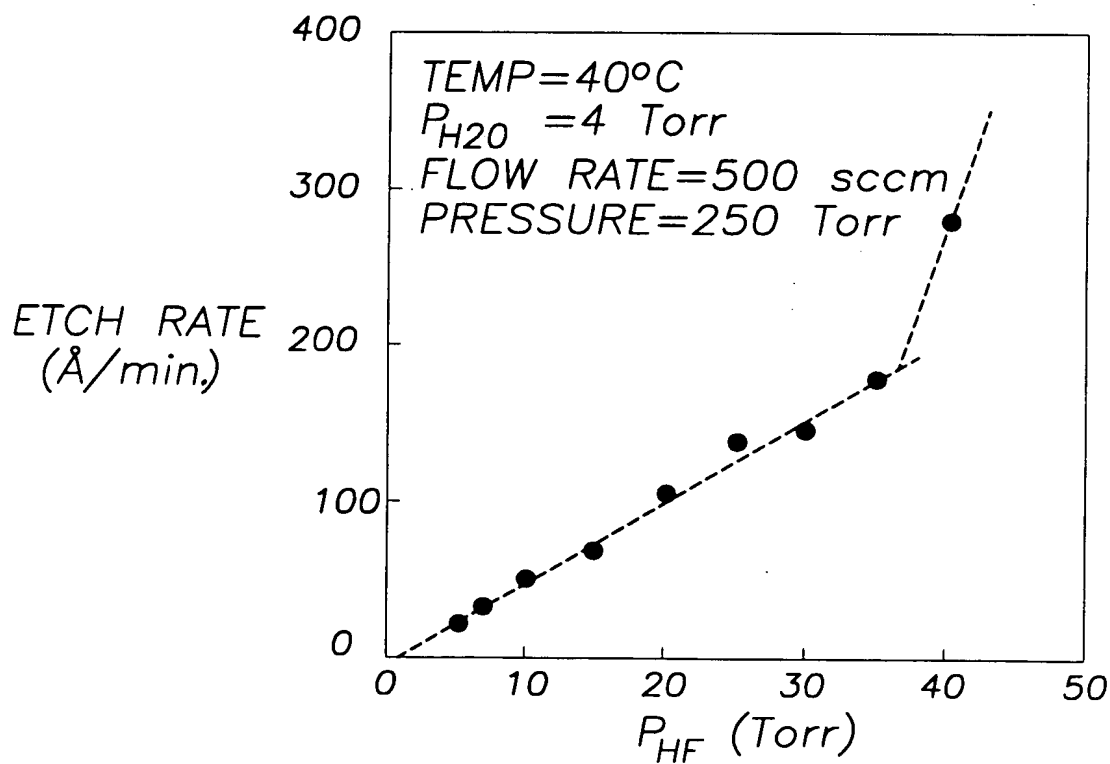


FIG. 7B





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FIG. 8A

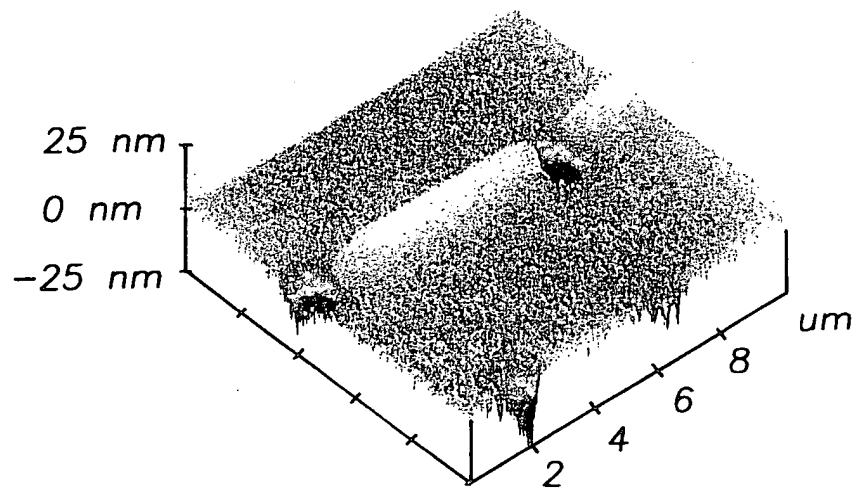


FIG. 8B

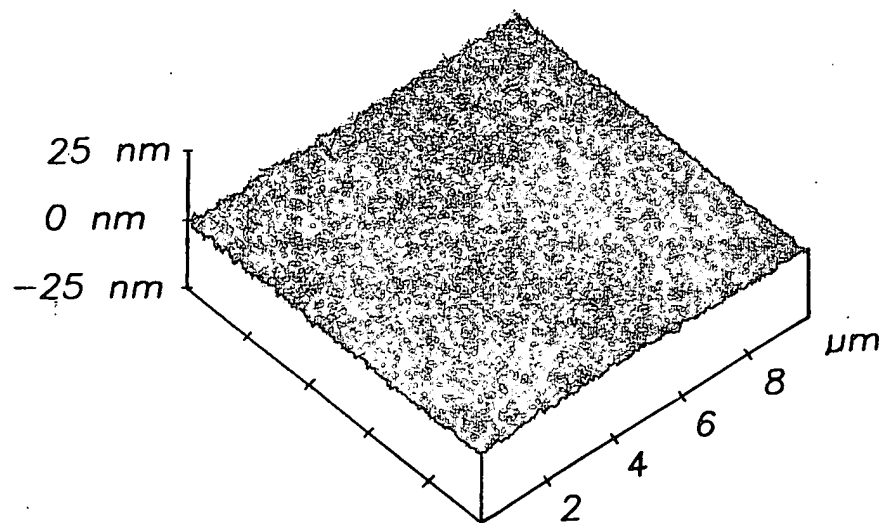


FIG. 9A

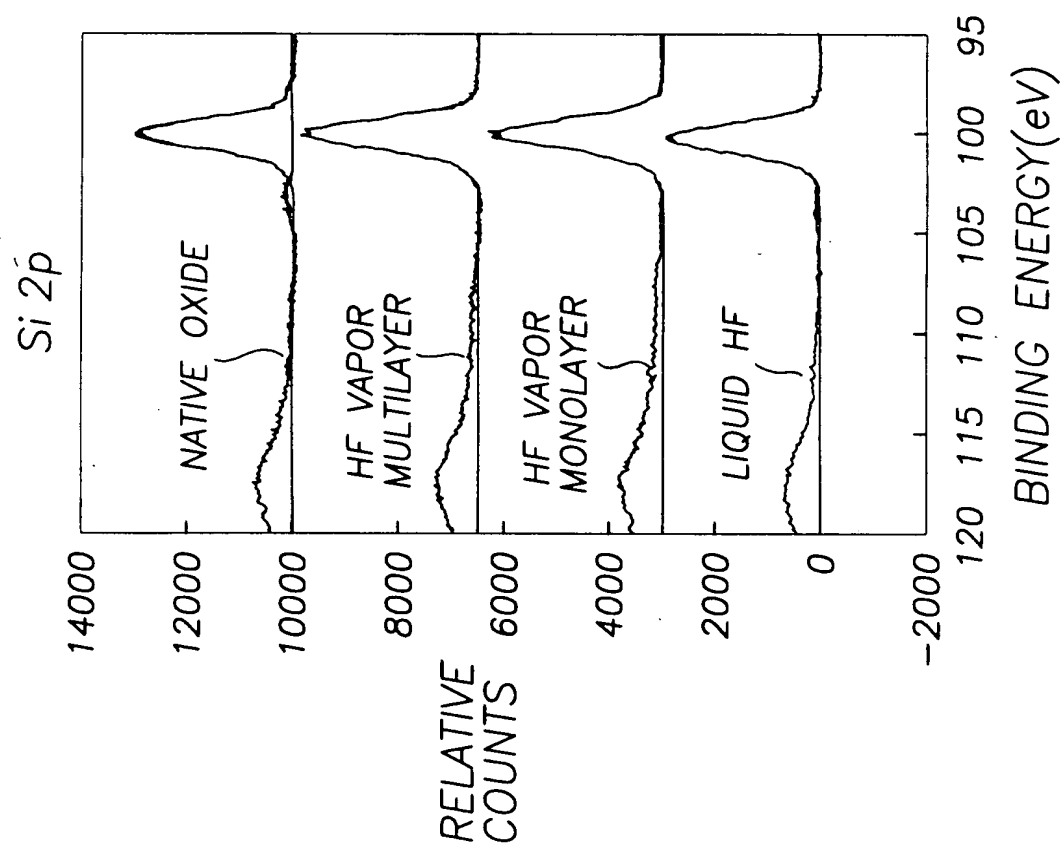


FIG. 9B

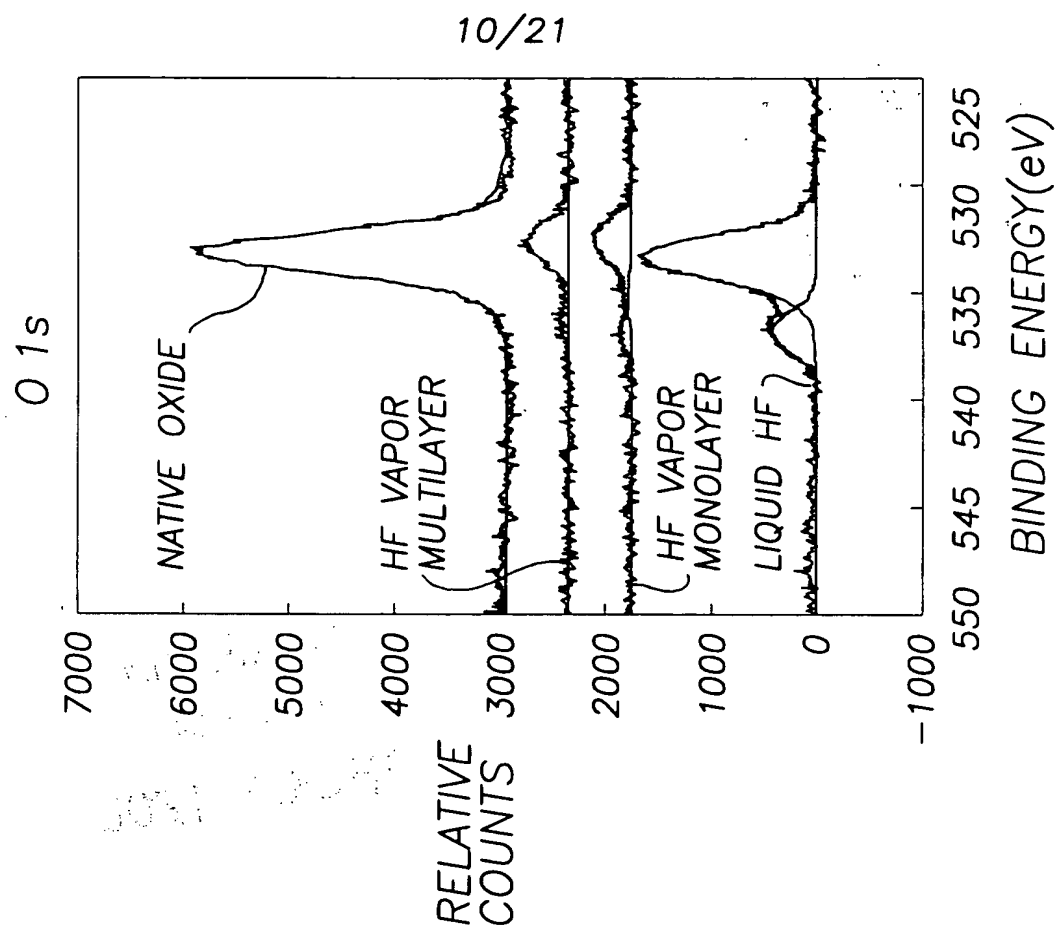


FIG. 9C

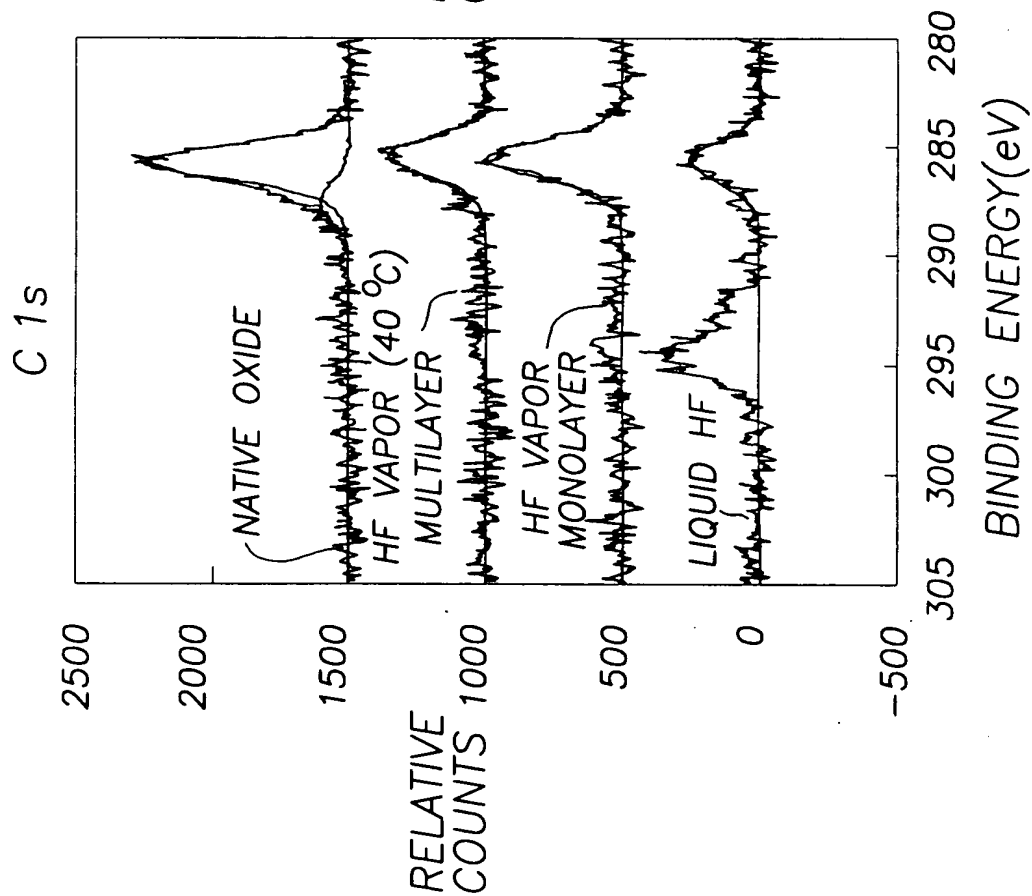
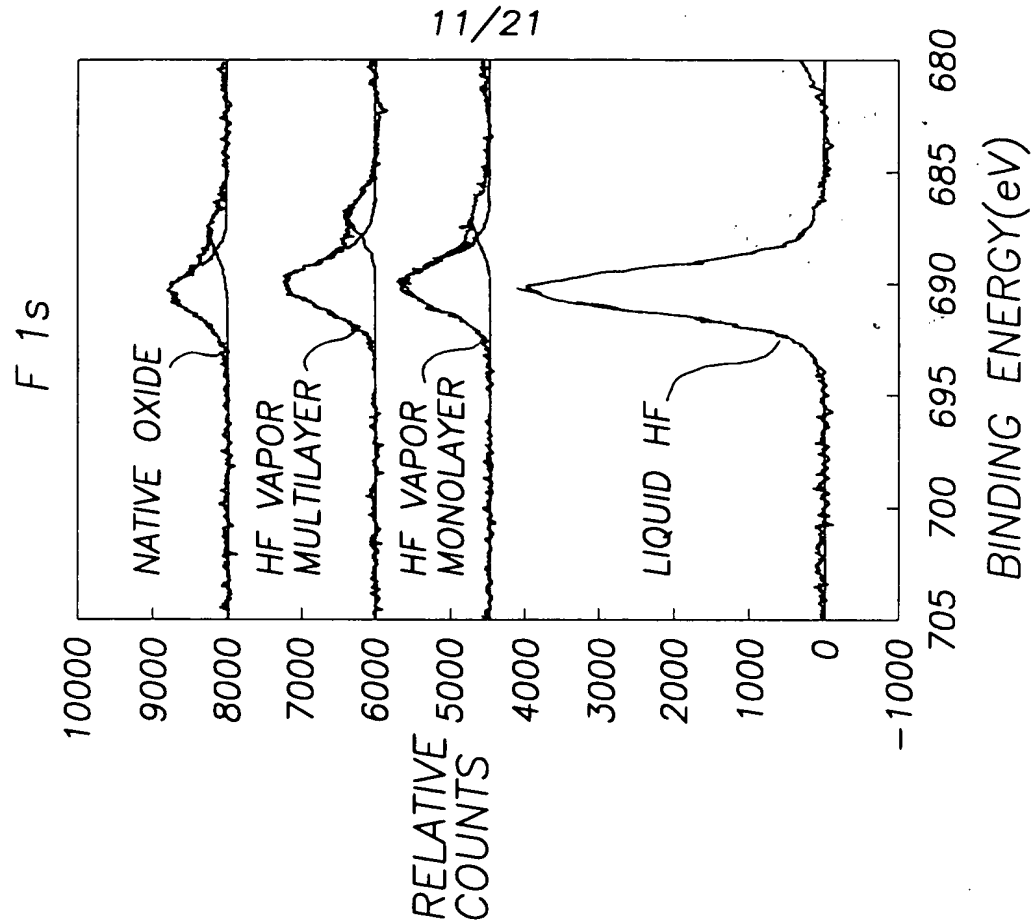


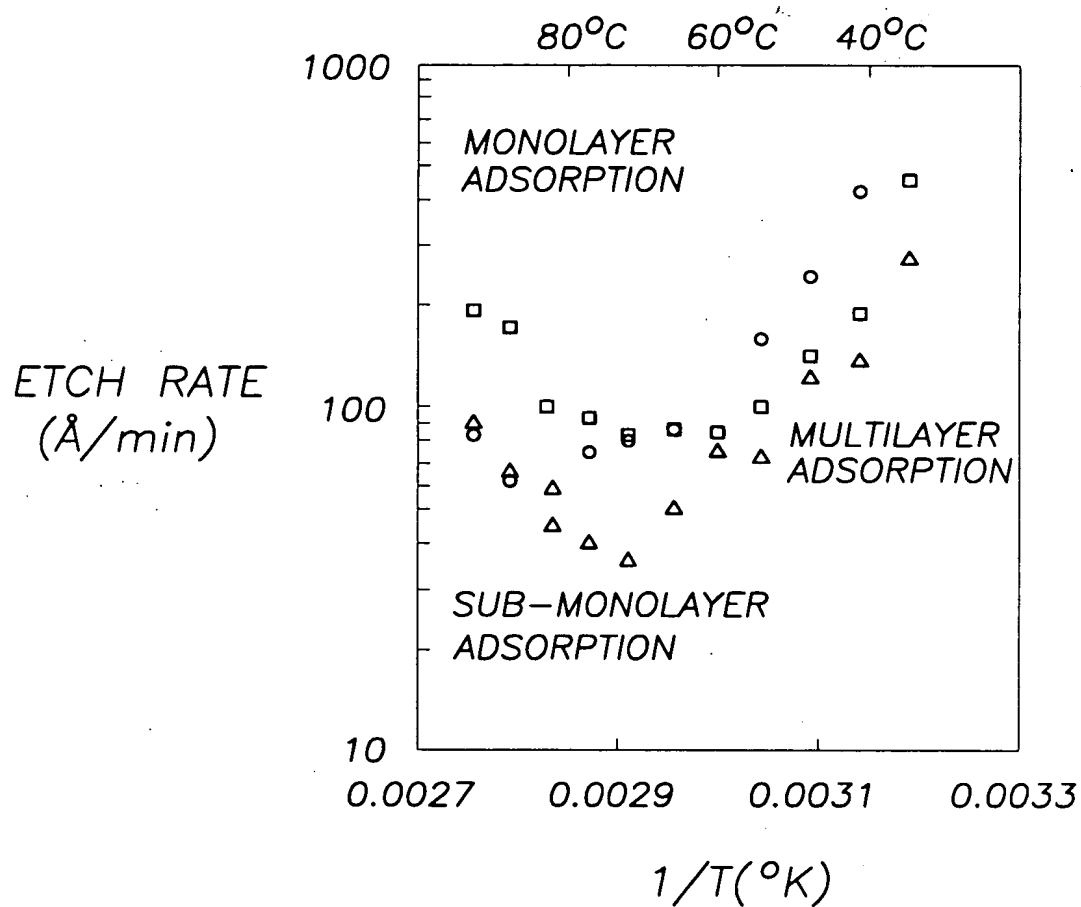
FIG. 9D



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FIG. 10



$\Delta$  HF/H2O=5/4 TORR  
 $\square$  HF/H2O=10/4 TORR  
 $\circ$  HF/H2O=10/8 TORR

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FIG. 11A

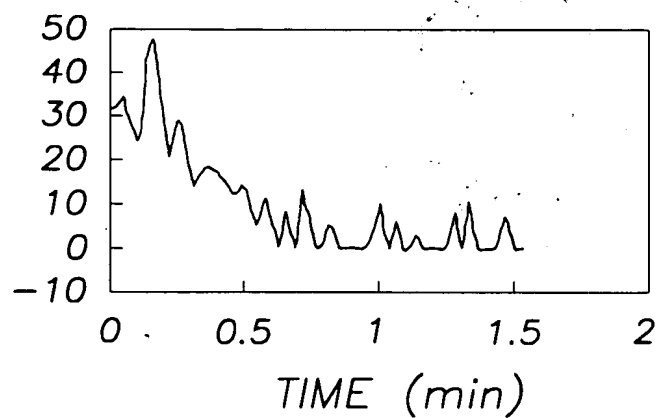
 $\psi(^{\circ})$  AT 4052Å

FIG. 11B

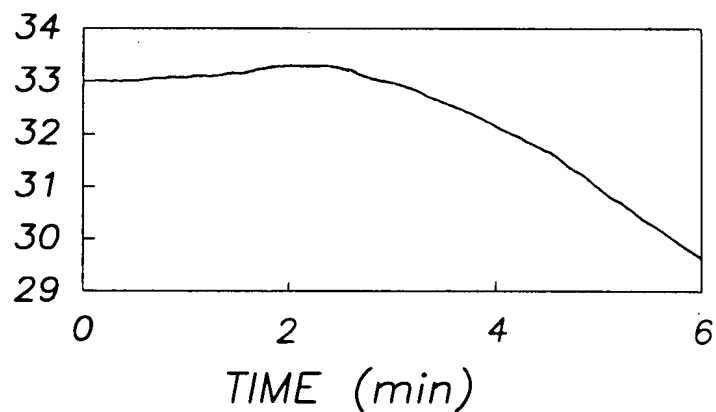
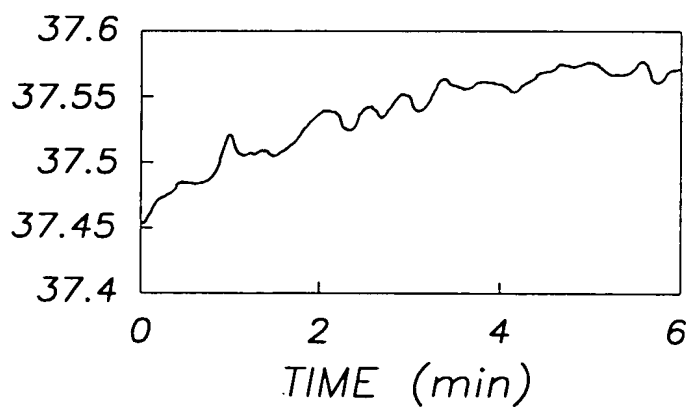
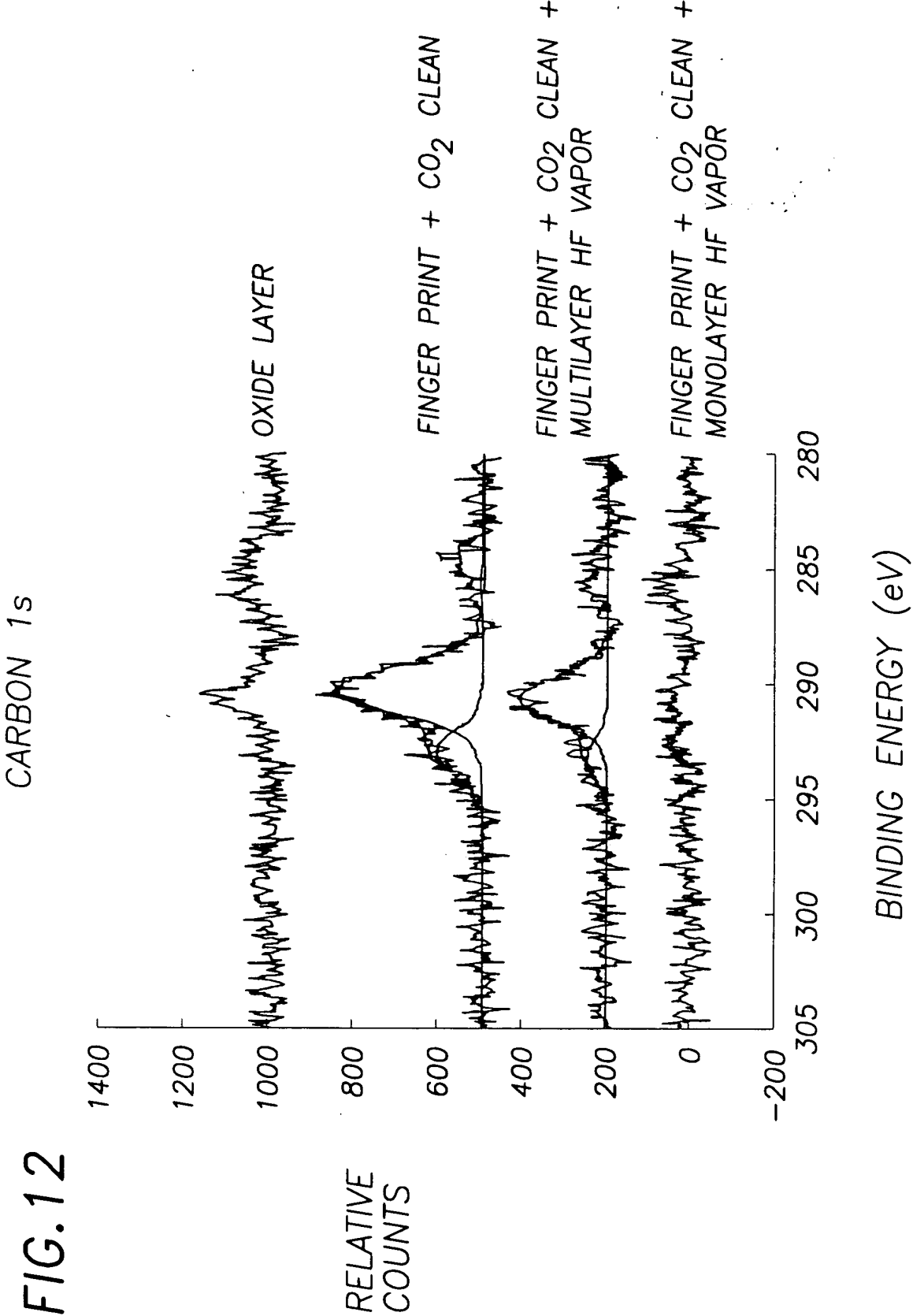
 $\psi(^{\circ})$  AT 4052Å

FIG. 11C

 $\psi(^{\circ})$  AT 4052Å

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FIG. 12



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FIG. 13

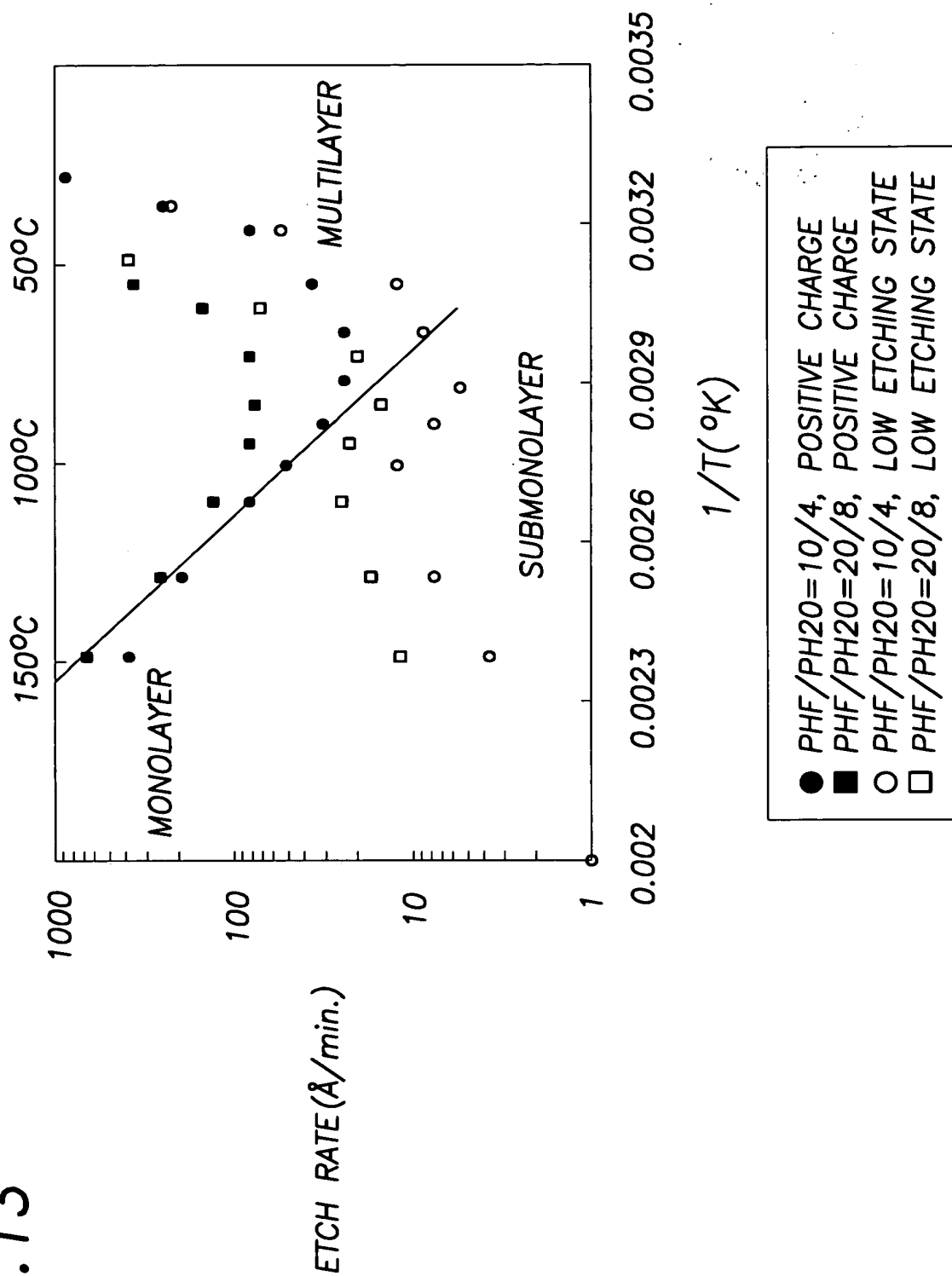


FIG. 14A

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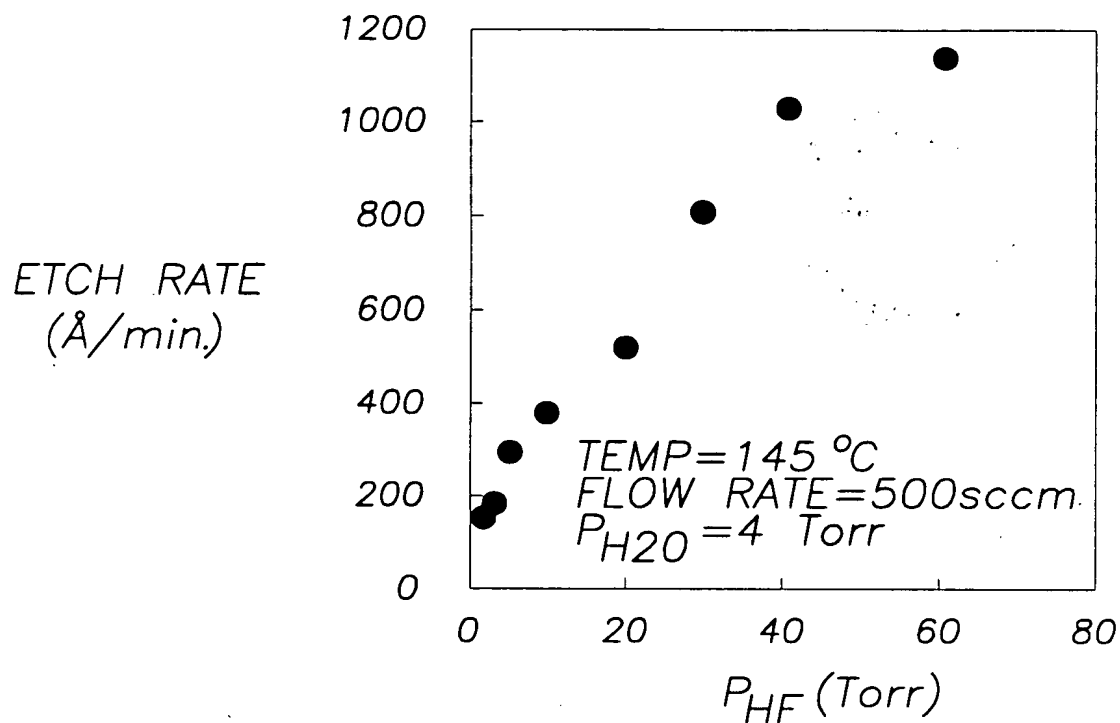


FIG. 14B

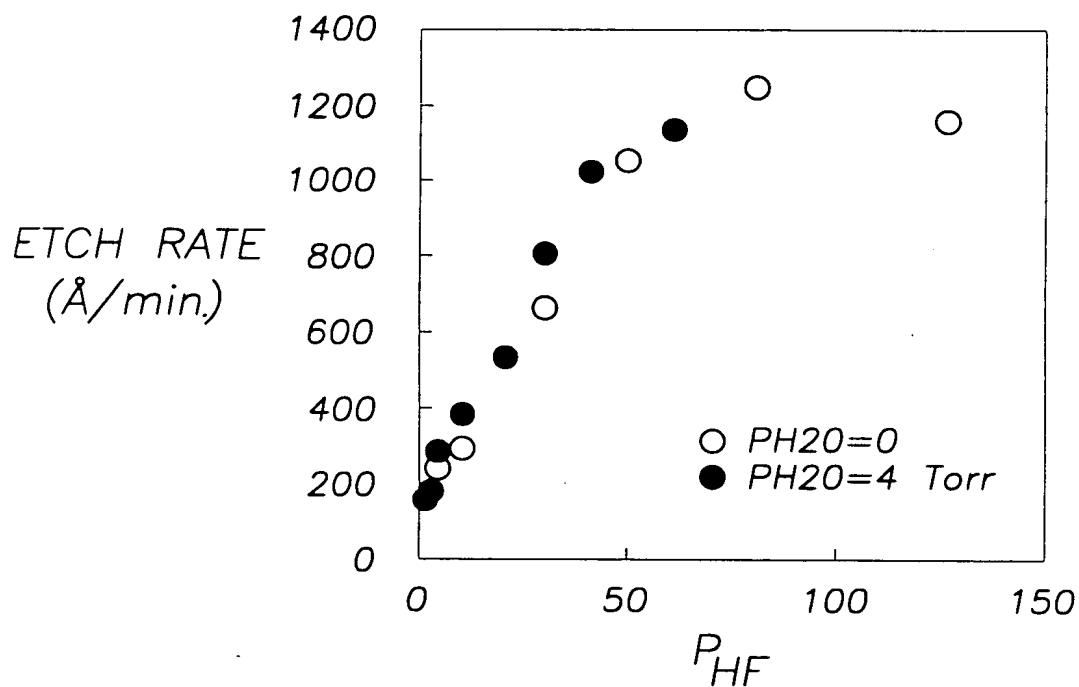




FIG. 15

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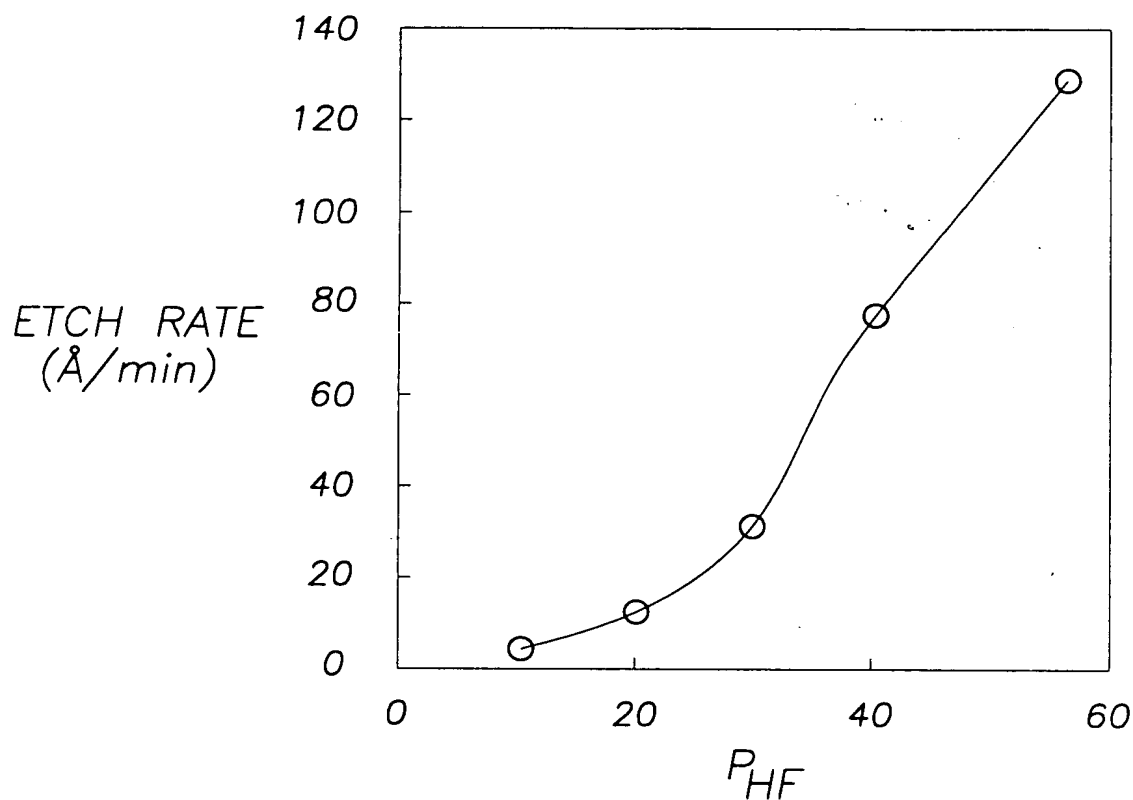
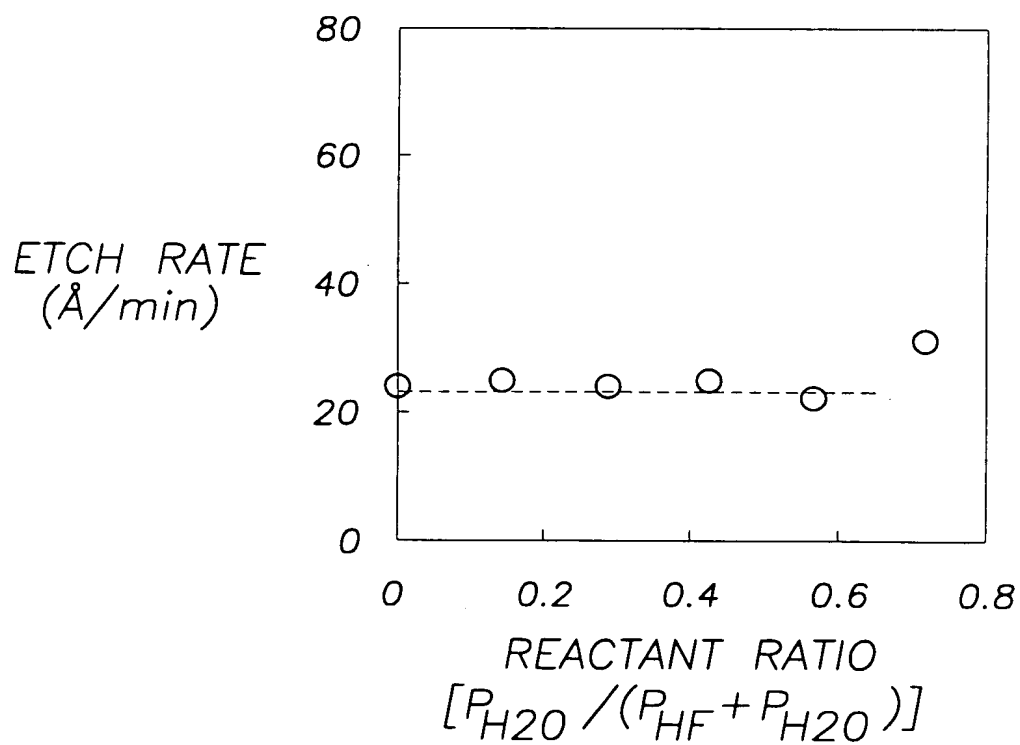
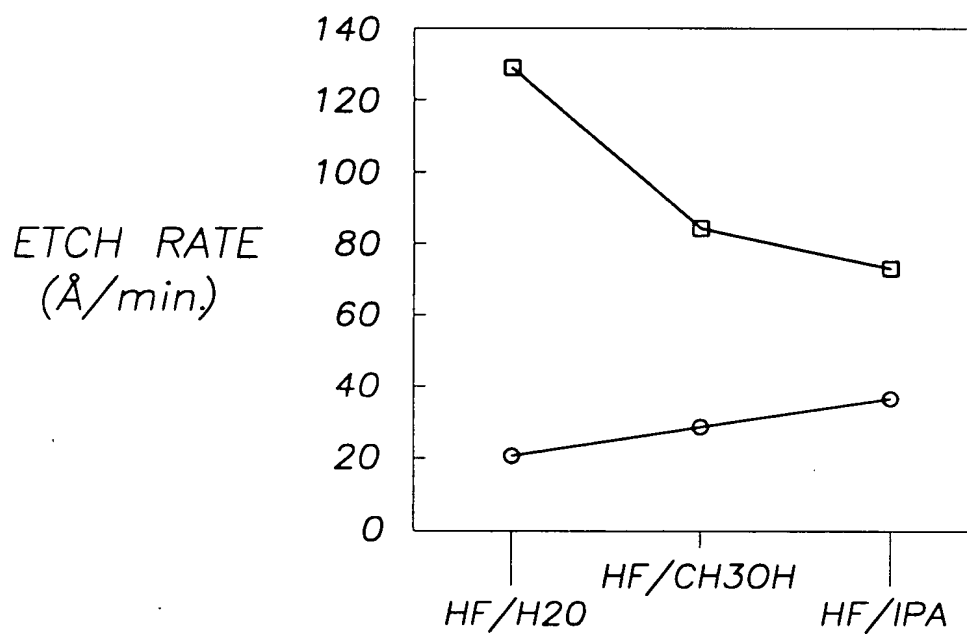


FIG. 16



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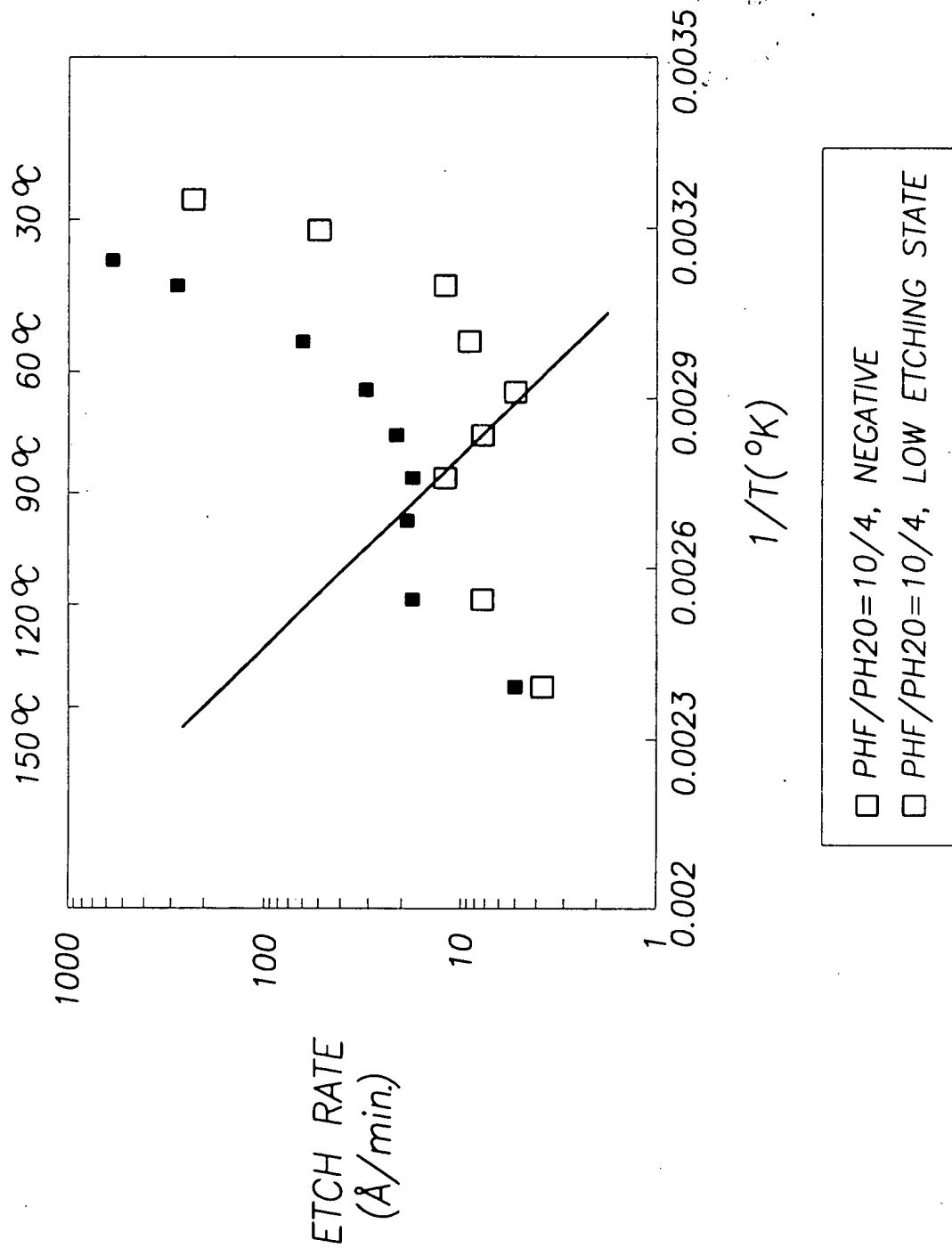
FIG. 17



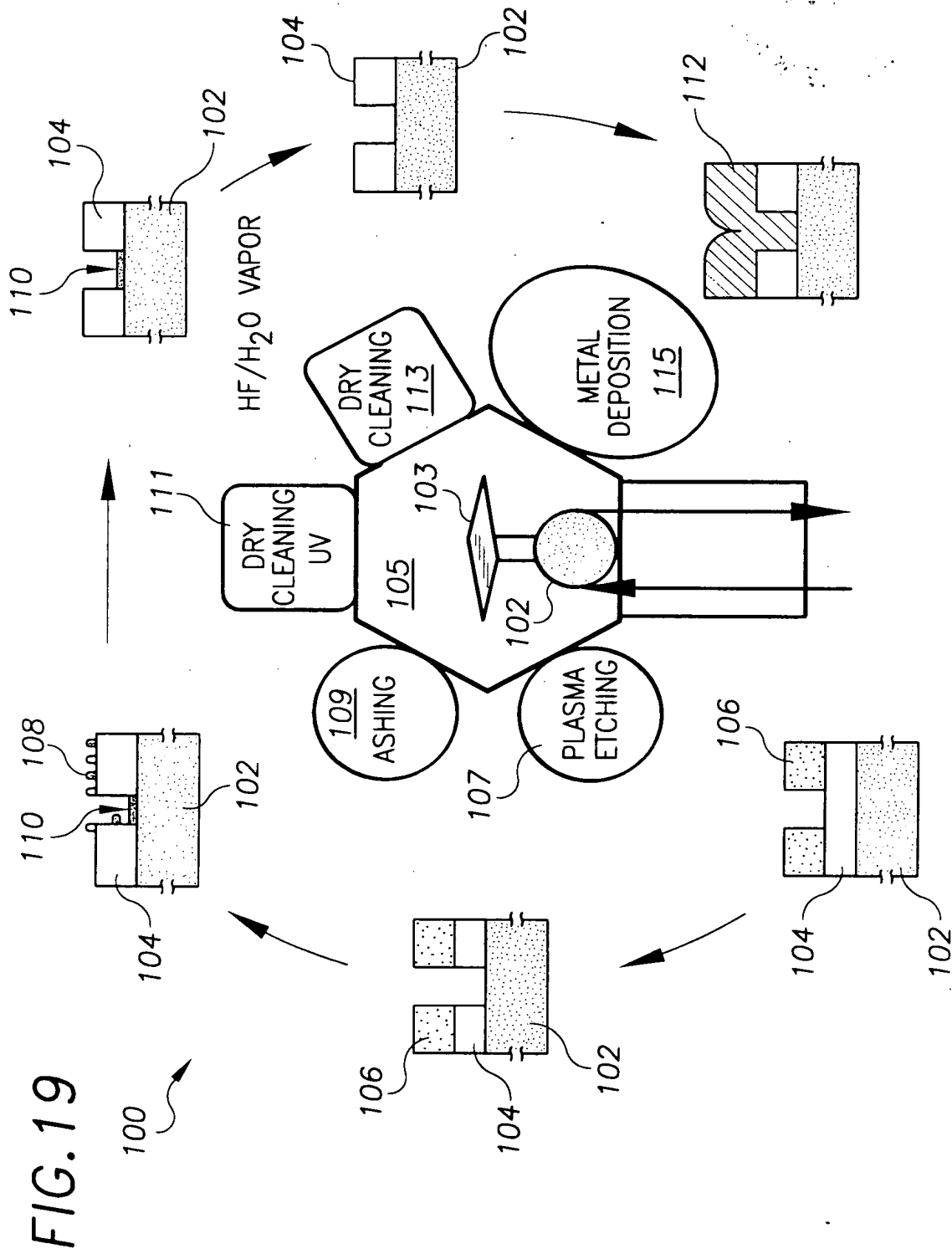
—○— NON-ACTIVATED ETCHING STATE  
—□— ACTIVATED ETCHING STATE

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FIG. 18



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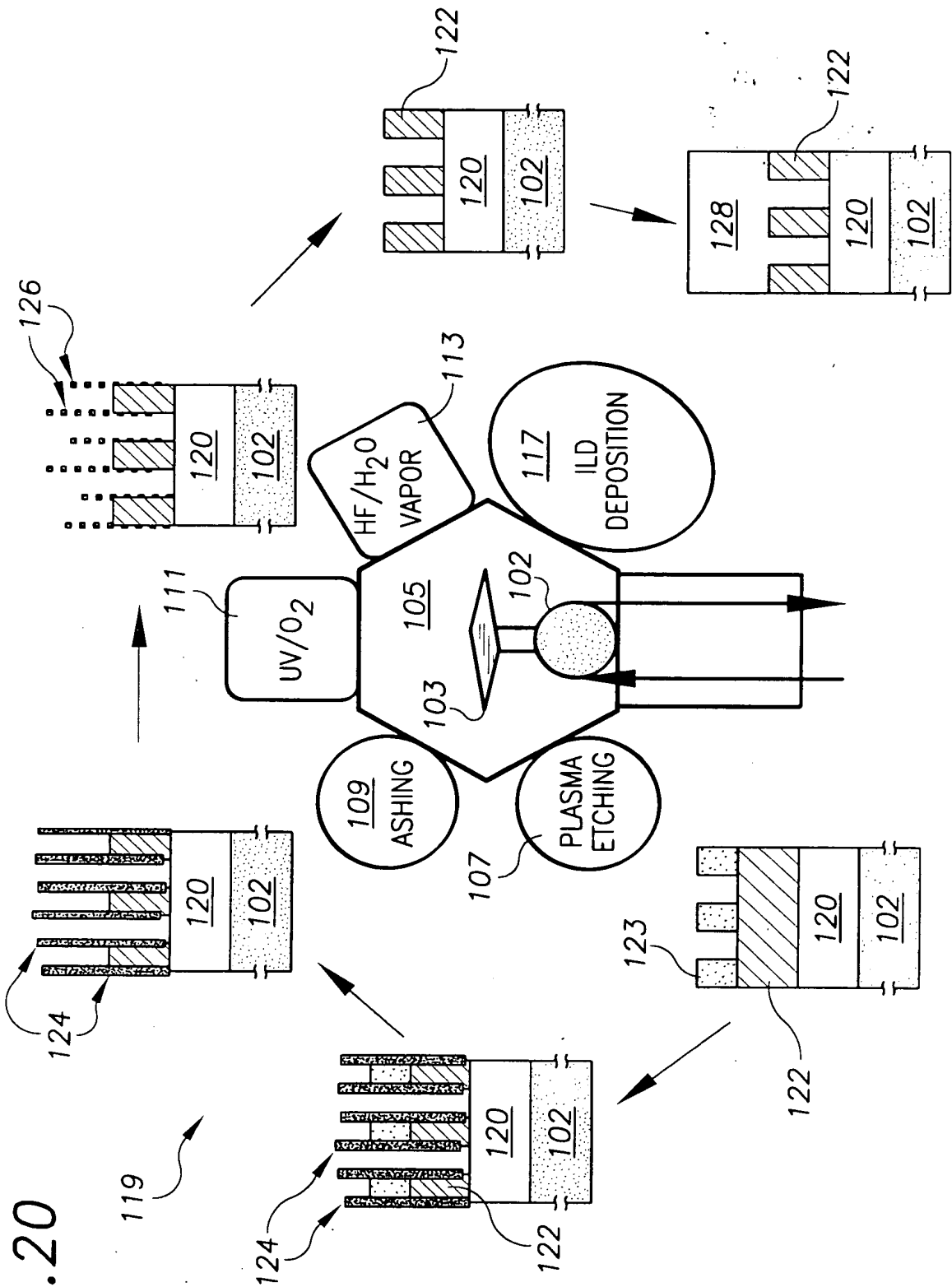


FIG. 20